

Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Northeast

CLAYTON COUNTY --- 0.5 W GARNAVILLO [42.87, -91.24]

08/11/13 19:20 CST		0	Hail (0.88 in)
08/11/13 19:20 CST		0	Source: Social Media

Thunderstorms developed along a northward advancing warm front during the afternoon of August 11th. Some of these storms became strong enough during the evening to produce hail. The largest hail reported was nickel sized in Garnavillo (Clayton County).

MINNESOTA, Southeast

MOWER COUNTY --- 0.5 E AUSTIN ACRES [43.65, -92.99]

08/01/13 18:33 CST		0	Hail (1.00 in)
08/01/13 18:33 CST		0	Source: Broadcast Media

Quarter sized hail fell just southwest of Austin.

MOWER COUNTY --- 0.9 NE VARCO [43.63, -92.97]

08/01/13 18:43 CST		0	Hail (2.00 in)
08/01/13 18:43 CST		0	Source: Public

Hail that ranged in size from golf balls to 2 inches, fell south of Austin.

MOWER COUNTY --- 0.9 SE VARCO [43.61, -92.97]

08/01/13 18:43 CST		0	Hail (1.25 in)
08/01/13 18:43 CST		0	Source: Public

Hail up to the size of half dollars fell south of Austin.

Thunderstorms developed over south central Minnesota during the afternoon of August 1st. As these storms advanced into southeast Minnesota, they dropped some large hail across the southwest corner of Mower County. The largest hail reported was 2 inches south of Austin.

WINONA COUNTY --- 0.5 W WINONA [44.05, -91.66]

08/06/13 21:55 CST		0	Hail (0.75 in)
08/06/13 21:55 CST		0	Source: Trained Spotter

WINONA COUNTY --- 0.5 W WINONA [44.05, -91.66]

08/06/13 22:03 CST		0	Hail (1.00 in)
08/06/13 22:03 CST		0	Source: Public

Up to quarter sized hail was reported in the city of Winona.

Thunderstorms that developed over northern Minnesota along a cold front, advanced into Wisconsin during the evening of August 6th. The storms became oriented into a solid line as they moved across Wisconsin, with the southern end of the line extending back into southeast Minnesota. The storms on the southern end of the line dropped up to quarter sized hail in the city of Winona (Winona County).

OLMSTED COUNTY --- 1.5 NNE BYRON [44.05, -92.64]

08/22/13 03:50 CST		0	Heavy Rain
08/22/13 06:08 CST		0	Source: Public

In Byron, 3.11 inches of rain fell.

OLMSTED COUNTY --- 2.0 NW ROCHESTER [44.05, -92.50]

08/22/13 04:00 CST		0	Heavy Rain
08/22/13 07:20 CST		0	Source: Newspaper

On the northwest side of Rochester, 3.80 inches of rain fell.

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OLMSTED COUNTY --- 1.6 SW ROCHESTER [44.01, -92.49]				
	08/22/13 05:30 CST		5K	Lightning
	08/22/13 05:30 CST		0	Source: Newspaper
Three homes were struck by lightning during a thunderstorm in Rochester. The most serious strike caused minor damage when the electrical system in a home was ignited, resulting in charred outlets and burned window flashing.				
OLMSTED COUNTY --- 0.7 N EYOTA [43.99, -92.23]				
	08/22/13 05:45 CST		10K	Thunderstorm Wind (EG 55 kt)
	08/22/13 05:45 CST		0	Source: Emergency Manager
Several trees were either blown down or sustained severe damage in Eyota. Some of the downed trees landed on power lines and houses. Garage windows were blown out and a fence went down over a part of U.S. Highway 14.				
OLMSTED COUNTY --- 0.9 SSE ROCHESTER [44.02, -92.47], 0.9 SSE ROCHESTER [44.02, -92.46], 1.0 SSE ROCHESTER [44.02, -92.46], 0.9 SSE ROCHESTER [44.02, -92.47]				
	08/22/13 05:50 CST		35K	Flood (due to Heavy Rain)
	08/22/13 07:30 CST		0	Source: Trained Spotter
Locally heavy rain produced street flooding on the southwest side of Rochester. One vehicle became stranded in a flooded intersection.				
OLMSTED COUNTY --- 1.5 NW ROCHESTER [44.04, -92.49], 1.3 WNW ROCHESTER [44.04, -92.49], 0.4 W ROCHESTER [44.03, -92.48], 0.5 SSE ROCHESTER [44.02, -92.47], 0.5 SSE ROCHESTER [44.02, -92.46], 3.4 N ROCHESTER [44.08, -92.47]				
	08/22/13 06:12 CST		0.40M	Flash Flood (due to Heavy Rain)
	08/22/13 07:45 CST		0	Source: Newspaper
Locally heavy rains in Rochester produced flash flooding that inundated several street intersections causing numerous vehicles to become stranded. Some of the stranded vehicles had water up to their windows. The heavy rain also caused water to cascade into a below ground entrance of a Mayo Health building. Trash cans put out to be picked up floated down the streets , often spilling their contents.				
Early morning thunderstorms along a nearly stationary front, dumped heavy rain on parts of southeast Minnesota on August 22nd. The heavy rain produced flash flooding in Rochester (Olmsted County) that snarled the morning commute by flooding numerous intersections and sent water streaming into a Mayo Health building. The storms also produced high winds that damaged several homes and trees in Eyota (Olmsted County).				
(MN-Z087) OLMSTED				
	08/29/13 12:00 CST	1	0	Heat
	08/29/13 16:00 CST		0	
Direct Fatalities: M66PH				
One person passed away from heat related causes in Stewartville (Olmsted County) during a heat wave at the end of August. The victim had spent the day working in the yard and the combination of the heat and prescription medications are believed to have lead to the death. The air temperatures topped out around 90 degrees with a heat index near 95 at the Rochester International Airport.				
WISCONSIN, Southwest				
RICHLAND COUNTY --- EXCELSIOR [43.25, -90.63]				
	08/01/13 21:28 CST		0	Hail (1.00 in)
	08/01/13 21:28 CST		0	Source: Public
Hail ranging in size from dimes to quarters fell in Excelsior.				
RICHLAND COUNTY --- 0.9 NE EXCELSIOR [43.26, -90.62]				
	08/01/13 21:30 CST		0	Hail (1.00 in)
	08/01/13 21:30 CST		0	Source: Public
Quarter sized hail fell just northeast of Excelsior.				

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Thunderstorms developed during the evening of August 1st across parts of southwest Wisconsin. Some of these storms became strong enough to produce large hail across Richland County. The largest hail reported was quarter sized in and near Excelsior.				
TREMPEALEAU COUNTY --- ELEVA [44.58, -91.47]				
	08/06/13 20:52 CST		0	Hail (1.00 in)
	08/06/13 20:52 CST		0	Source: Law Enforcement
Quarter sized hail was reported in Eleva.				
TREMPEALEAU COUNTY --- ELEVA [44.58, -91.47]				
	08/06/13 20:52 CST		3K	Thunderstorm Wind (EG 50 kt)
	08/06/13 20:52 CST		0	Source: Law Enforcement
Trees and power lines were blown down in Eleva.				
TAYLOR COUNTY --- 5.1 WSW WHITTLESEY [45.20, -90.43]				
	08/06/13 20:59 CST		0	Hail (0.75 in)
	08/06/13 20:59 CST		0	Source: Law Enforcement
BUFFALO COUNTY --- NELSON [44.42, -92.00]				
	08/06/13 21:07 CST		0	Hail (1.25 in)
	08/06/13 21:07 CST		0	Source: Public
Half dollar sized hail fell in Nelson.				
BUFFALO COUNTY --- 1.7 SE NELSON [44.40, -91.98]				
	08/06/13 21:10 CST		0	Hail (0.75 in)
	08/06/13 21:10 CST		0	Source: Public
BUFFALO COUNTY --- 3.7 SE NELSON [44.38, -91.95]				
	08/06/13 21:11 CST		0	Hail (0.75 in)
	08/06/13 21:11 CST		0	Source: Public
CLARK COUNTY --- 2.9 SSW JUNCTION [44.98, -90.92], 0.7 S THORP [44.96, -90.80]				
	08/06/13 21:19 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/06/13 21:24 CST		0	Source: Law Enforcement
Trees and power lines were blown down across Thorp Township , including the town of Thorp where the power was knocked out on the west side of town.				
TAYLOR COUNTY --- 3.4 WSW GILMAN [45.15, -90.86]				
	08/06/13 21:19 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/06/13 21:19 CST		0	Source: Public
Thunderstorms winds blew down some power lines and flattened corn near Gilman.				
CLARK COUNTY --- WITHEE [44.95, -90.60]				
	08/06/13 21:38 CST		40K	Thunderstorm Wind (EG 50 kt)
	08/06/13 21:38 CST		0	Source: Emergency Manager
The roof was blown off a pole barn and silo near Withee. Several trees were also blown down with two vehicles damaged by the falling trees.				
CLARK COUNTY --- 3.8 ESE OWEN [44.94, -90.49]				
	08/06/13 21:43 CST		1K	Thunderstorm Wind (EG 50 kt)
	08/06/13 21:43 CST		0	Source: Law Enforcement
Trees were blown down west of Curtiss along County Road P.				
CLARK COUNTY --- 1.2 SW COLBY [44.91, -90.32]				

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	08/06/13 21:48 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/06/13 21:48 CST		0	Source: Emergency Manager

A power pole was snapped by strong winds that brought power lines down in Colby.

JACKSON COUNTY --- 1.5 E VAUDREUIL [44.30, -90.85]

08/06/13 21:57 CST	3K	Thunderstorm Wind (EG 50 kt)
08/06/13 21:57 CST	0	Source: Law Enforcement

Numerous trees were blown down in and around Black River Falls.

JACKSON COUNTY --- 2.0 ENE WINNEBAGO MISSION [44.34, -90.74]

08/06/13 21:59 CST	2K	Thunderstorm Wind (EG 55 kt)
08/06/13 21:59 CST	0	Source: Newspaper

Trees were blown down at the Ho-Chunk Nation's Andrew Blackhawk Memorial Pow-Wow Grounds northeast of Black River Falls.

CLARK COUNTY --- 0.6 NNE SHERWOOD [44.44, -90.35]

08/06/13 22:16 CST	3K	Thunderstorm Wind (EG 50 kt)
08/06/13 22:16 CST	0	Source: Emergency Manager

Numerous trees were blown down in Sherwood Township along County Road Z.

JUNEAU COUNTY --- 0.9 SE MEADOW VLY [44.21, -90.21]

08/06/13 22:25 CST	3K	Thunderstorm Wind (EG 60 kt)
08/06/13 22:25 CST	0	Source: Law Enforcement

Numerous trees were blown down in the Necedah National Wildlife Refuge.

ADAMS COUNTY --- 0.7 N NEW ROME [44.24, -89.88]

08/06/13 22:42 CST	2K	Thunderstorm Wind (EG 60 kt)
08/06/13 22:42 CST	0	Source: Law Enforcement

Several trees were blown down in New Rome.

MONROE COUNTY --- 2.1 N SPARTA [43.96, -90.82]

08/06/13 22:43 CST	0	Hail (0.88 in)
08/06/13 22:43 CST	0	Source: Public

MONROE COUNTY --- 1.6 WSW ANGELO [43.96, -90.81], 1.3 NNE SPARTA [43.95, -90.81]

08/06/13 22:44 CST	20K	Thunderstorm Wind (EG 52 kt)
08/06/13 22:44 CST	0	Source: Law Enforcement

The roof was lifted off and windows blown out of county office buildings just north of Sparta . Crops were also flattened in the same area and numerous trees and power lines were blown down on the north side of Sparta.

Thunderstorms that developed over northern Minnesota along a cold front, advanced into Wisconsin during the evening of August 6th. The storms became oriented into a solid line as they moved across parts of western and central Wisconsin and produced large hail and damaging winds. The largest hail reported was half dollar sized in Nelson (Buffalo County). The winds from the storms blew the roof off a pole barn near Withee (Clark County) and lifted the roof off a county building, damaged crops and broke windows just outside of Sparta (Monroe County).

CLARK COUNTY --- RESEBURG [44.92, -90.77]

08/21/13 16:45 CST	0.50K	Thunderstorm Wind (EG 50 kt)
08/21/13 16:45 CST	0	Source: Public

Tree branches were blown down in Reseburg Township.

Thunderstorms developed along a cold front over northern Wisconsin during the afternoon of August 21st. Some of these storms caused minor tree damage in Reseburg Township (Clark County).